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THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE: Reissue Application of Dillis V. Allen
and Scott R. Longueil
INVENTORS: Dillis V. Allen and Scott R. Longueil
PATENT NO: 5,938,541
ISSUED: August 17, 1999
SERIAL NO: 08/960,966
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FOR: GOLF CLUB HEAD WITH SHORTENED HOSEL AND FERRULE

REISSUE
SERIAL NO: 09/820,568
FILED: March 29, 2001

U.S. Commissioner of Patents
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Washington, D.C. 20231

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ABSTRACT

A golf club head with a shortened hosel and extended ferrule including a hollow body having a ball striking wall, and a top wall extending rearwardly from the ball striking wall. The hosel extends downwardly from the top wall with a shaft receiving bore therein, and extends upwardly from the top surface of the club a much shorter distance than conventional with a flat top surface much larger than normal and an annular outer surface that flares sharply outwardly. The ferrule head in some embodiments has a larger than normal lower surface equal in size and shape to the hosel top surface with an outer surface that curves sharply outwardly and downwardly in lower portions thereof in a smooth transition into the hosel outer surface. The top of the hosel bore is chamfered, and the ferrule is epoxied not only to the inserted shaft but also to the enlarged hosel top surface to increase the hosel's ability to absorb side loading from the inserted shaft. In several embodiments, the lower surface of the ferrule has an annular flange that seats in a counter bore in the club head.

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